100-4A 10-29-02 105-4 10-18-11 STANDARD ROAD PLANS

ESTIMATE REFERENCE INFORMATION

		ESTIMATE REFERENCE INFORMATION
tem No.	Item Code	Description
- 61	- 2602-0000100	CLEAN-OUT OF SILT FENCE FOR DITCH CHECK Item is included for maintaining the new silt fence for ditch checks installed for the paving project and existing silt fence for ditch checks installed as part of the grading project.
- 62 63		PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA. PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA. This item is included for the temporary perimeter sediment control and water velocity reduction on slopes.
		Wattles and sediment logs shall consist of wood excelsior or straw contained in a tube of ultraviolet (UV) degradable open weave fabric (synthetic netting). Wattle or sediment log installation shall be as per manufacturer's recommended installation procedures.
		Filter socks shall be a continuous, tubular, knitted mesh netting with 3/8" opening, constructed of 5-mil thickness, photodegradable HDPE. The filter material shall be compost from an approved source meeting Article 4169.08 of the Standard Specifications. The sock shall be filled by blowing the filter material into the tube with a special pneumatic blower truck or similar device. Hand filling is not an acceptable means to fill the sock. Compost filter socks shall be installed as per manufacturer's recommended installation procedures.
-	-	- ALTERNATE AA OPTION 1
64 65		- SPECIAL BACKFILL PAVED SHOULDER, P.C. CONCRETE, 7 IN. Refer to B.1 - B.3 and Tab 112-9 for locations and details.
- 66	- 2548-0000200	- MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE Refer to Tab 112-10.
-	-	ALTERNATE AA OPTION 2
67 68		- SPECIAL BACKFILL PAVED SHOULDER, HOT MIX ASPHALT MIXTURE 8 IN. Refer to B.1 - B.3 and Tab 112-9 for locations and details.
- 69 70		- MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS) Refer to Tab 112-10.
-	-	- ALTERNATE BB OPTION 1
- 71	- 2526-8285000	- CONSTRUCTION SURVEY
-	-	 -
_	-	ALTERNATE BB OPTION 2
72	2301-9090100	PCC PAVING 3-D MACHINE CONTROL Refer to Developmental Specification "PCC Paving 3-D machine Control" for additional information.
- 73	- 2526-8285000	- CONSTRUCTION SURVEY
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74	2526-8286000	GLOBAL POSITIONING SYSTEM (GPS) MACHINE CONTROL GRADING Refer to Developmental Specification "Global Positioning System Machine Control Grading" for additional
-	-	information.
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ı			The following Standard Road Plans apply to construction work on this project.
ı	Number	Date	Title
l	BA-200		Steel Beam Guardrail Components
ı	BA-202		Steel Beam Guardrail Bolted End Anchor
ı	BA-203		Steel Beam Guardrail W-Beam End Anchor
ı	BA-401		Temporary Barrier Rail (Precast Concrete)
ı	BA-500		Temporary Crash Cushions Sand Barrel
l	EC-103		Wood Excelsior Mat for Slope Protection
ı	EC-201		Silt Fence
ı	PV-12		Milled Shoulder Rumble Strips
ı	PV-101	04-19-11	
l	PV-302		Superelevation Details Four Lane Roadway Depressed Median
l	PV-303		Superelevation Details Ramps
ı	RF-2		Construction of Type "C" Concrete Adaptors for Pipe Culvert Connections
ı	RF-3		Concrete Aprons
ı	RF-5		Metal Pipe Aprons and Beveled Ends
ı	RF-13		Pipe Bends and Half Pipe
l	RF-14		Connected Pipe Joints
l	RF-19C		Subdrains (Longitudinal)
ı	RF-19E		Outlets for Longitudinal, Transverse and Backslope Subdrains
ı	RF-30A		Culvert (Bedding and Backfill)
ı	RF-30B		Pipe Culvert (Cover and Camber)
l	RF-30C		Pipe Culvert (Installation Details)
l	RF-31		Depth of Cover Tables for Concrete Pipe
ı	RF-32		Depth of Cover Tables for Corrugated Pipe
ı	RG-2		Details for Hot Mix Asphalt Resurfacing (Double Course)
ı	RL-4		Ditch Blocks and Dikes
ı	RL-6		Settlement Plate
ı	RM-42		Precast Handhole
I	SW-101		Trench Bedding and Backfill Zones
ı	SW-102		Rigid Gravity Pipe Trench Bedding
l	SW-211		Special Pipe Connections for Storm Sewer
l	SW-511		Rectangular Area Intake
l	SW-512		Circular Area Intake
ı	TC-1		Work Not Affecting Traffic (Two-Lane or Multi-Lane)
ı	TC-402		Shoulder Closure (Multi-Lane)
l	TC-416		Partial Lane Closure on Ramps
l	TC-418		Lane Closure on Divided Highway
l	TC-420		Lane Closure at Ramps
l	TC-422		Closure of Two Adjacent Lanes on Divided Highway
l	TC-432		Shoulder Rumble Strip Operations
l	TC-433	10-18-11	Pavement Marking Operations
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I	NDEX O	F TABUL#	ATIONS

111-25 10-18-11

Tabulation	Tabulation Title	Sheet No.
100-17	Tabulation of Silt Fences	C.6
100-18	Tabulation of Silt Fences for Ditch Checks	C.6
100-22	Special Ditch Control and Slope Protection	C.6
100-23	Rock Ditch Checks/Ditches/Flumes/Splash Basins/Slope Protection	C.6
100-27	Pavement Smoothness + PCC Texture	C.7
102-5	Existing Pavement	C.7
103-4	Tabulation of Spreading Topsoil	C.8
104-3	Drainage Structure by Roadway Contractor	C.15
104-10	Adjustment of Fixtures	C.8
105-4	Standard Road Plans	C.5
108-30	Crash Cushions	C.9
108-33	Temporary Barrier Rail	C.9
110-1	Removal of Pavement	C.7
110-7A	Removal of Steel Beam Guardrail	C.10
110-9	Culvert Abandonment	C.14
111-25	Index of Tabulations	C.5
112-10	Milled Rumble Strips	C.12